

Title (en)  
POLYIMIDES AS DIELECTRICS

Title (de)  
POLYIMIDE ALS DIELEKTRIKA

Title (fr)  
POLYIMIDES EN TANT QUE DIÉLECTRIQUES

Publication  
**EP 2831146 A1 20150204 (EN)**

Application  
**EP 13768399 A 20130327**

Priority

- US 201261616432 P 20120328
- EP 12161694 A 20120328
- IB 2013052426 W 20130327
- EP 13768399 A 20130327

Abstract (en)  
[origin: WO2013144856A1] Polyimides derived from a primary aromatic diamine and aromatic dianhydride mono- mer moieties, wherein one or more of said moieties contain at least one substituent on the aromatic ring selected from propyl and butyl, especially from isopropyl, isobutyl, tert.butyl, show good solubility and are well suitable as dielectric material in electronic devices such as capacitors and organic field effect transistors.

IPC 8 full level  
**H01B 3/30** (2006.01); **C08G 73/10** (2006.01); **H01L 51/05** (2006.01)

CPC (source: EP US)  
**C08G 73/1042** (2013.01 - EP US); **C08G 73/1053** (2013.01 - EP US); **C08G 73/1067** (2013.01 - EP US); **C08G 73/1071** (2013.01 - EP US); **H01B 3/306** (2013.01 - EP US); **H01B 19/02** (2013.01 - US); **H01B 19/04** (2013.01 - US); **H01G 4/14** (2013.01 - US); **H01G 4/18** (2013.01 - US); **H01L 21/02118** (2013.01 - US); **H01L 21/02354** (2013.01 - US); **H01L 23/58** (2013.01 - US); **H01L 2924/0002** (2013.01 - EP US)

C-Set (source: EP US)  
**H01L 2924/0002 + H01L 2924/00**

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2013144856 A1 20131003**; CN 104220487 A 20141217; EP 2831146 A1 20150204; EP 2831146 A4 20151104; JP 2015512992 A 20150430; KR 20140139059 A 20141204; US 2015029638 A1 20150129

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**IB 2013052426 W 20130327**; CN 201380017306 A 20130327; EP 13768399 A 20130327; JP 2015502525 A 20130327; KR 20147029761 A 20130327; US 201314384208 A 20130327